Application No.: Not yet assigned

Preliminary Amendment - First Action Not Yet Received

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

PATENT

Claims 1 to 40 (Cancelled)

41. (Original) A method of preparing a compound of Formula 6

R¹ is hydrogen, hydroxy, halo, cyano, carboxamido, carboalkoxy of two to six carbon atoms, alkyl of 1 to 6 carbon atoms, alkanoyloxy of 2 to 6 carbon atoms, amino, mono- or di-alkylamino in which each alkyl group has 1 to 6 carbon atoms, alkanamido of 2 to 6 carbon atoms, or alkanesulfonamido of 1 to 6 carbon atoms;

A and D are selected from carbon substituted by R¹ and nitrogen, provided that at least one of A and D is nitrogen;

E and G are carbon, substituted by R¹; and R'' is benzyl or substituted benzyl, comprising the step of cyclizing a compound of Formula 5

$$R"O$$
 O
 X
 G
 E
 D
 A
 D

with palladium or copper catalyst.

42. (Original) The method of Claim 41 wherein the catalyst is a palladium catalyst.

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43. (Original) The method of Claim 41 wherein A is nitrogen and D is carbon.

44. (Original) A method of preparing a compound of Formula 10

$$\begin{array}{c}
X \\
O \\
O \\
A \\
D
\end{array}$$

PATENT

wherein

R¹ is hydrogen, hydroxy, halo, cyano, carboxamido, carboalkoxy of two to six carbon atoms, alkyl of 1 to 6 carbon atoms, alkanoyloxy of 2 to 6 carbon atoms, amino, mono- or di-alkylamino in which each alkyl group has 1 to 6 carbon atoms, alkanamido of 2 to 6 carbon atoms, or alkanesulfonamido of 1 to 6 carbon atoms;

A and D are selected from carbon substituted by R¹ and nitrogen, provided that at least one of A and D is nitrogen;

E and G are carbon, substituted by R¹; and

X is I, Cl or Br:

comprising activating compound of Formula 7

to halide with a standard halogenating reagent.

45. (Original) The method of Claim 44 wherein the halogenating agent is halophosphorous.

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46. *(Original)* The method of Claim 44 wherein the halophosphorous is phosphorous triiodide, phosphorous tribromide or phosphorous pentachloride.

47. (Original) The method of Claim 44 wherein A is nitrogen, and D is carbon.

48. (Original) A method of preparing a compound of Formula 8

PATENT

wherein R¹ is hydrogen, hydroxy, halo, cyano, carboxamido, carboalkoxy of two to six carbon atoms, alkyl of 1 to 6 carbon atoms, alkanoyloxy of 2 to 6 carbon atoms, amino, mono- or di-alkylamino in which each alkyl group has 1 to 6 carbon atoms, alkanamido of 2 to 6 carbon atoms, or alkanesulfonamido of 1 to 6 carbon atoms;

A and D are selected from carbon substituted by R¹ and nitrogen, provided that at least one of A and D is nitrogen;

E and G are carbon, substituted by R¹; and

R" is an aryl- or alkyl- sulfonate;

comprising activating the hydroxy moiety of the compound of formula 7

with aryl or alkyl sulfonyl chloride or with aryl or alkyl sulfonic anhydride in the presence of a base.

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49. (Original) The method of Claim 48 wherein A is nitrogen and D is carbon.

50. (Original) A method of preparing a compound of Formula 7

PATENT

wherein R¹ is hydrogen, hydroxy, halo, cyano, carboxamido, carboalkoxy of two to six carbon atoms, alkyl of 1 to 6 carbon atoms, alkanoyloxy of 2 to 6 carbon atoms, amino, mono- or di-alkylamino in which each alkyl group has 1 to 6 carbon atoms, alkanamido of 2 to 6 carbon atoms, or alkanesulfonamido of 1 to 6 carbon atoms;

A and D are selected from carbon substituted by R¹ and nitrogen, provided that at least one of A and D is nitrogen; and

E and G are carbon, substituted by R¹; comprising debenzylating a compound of Formula 6

where R" is benzyl or substituted benzyl.

51. (Original) The method of Claim 50 wherein A is nitrogen, and D is carbon.

Claims 52 to 53 (Cancelled)

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54. (Original) A compound of the formula

$$\bigcap_{O} G_{\approx_E}$$

$$\prod_{III}$$

PATENT

wherein:

R¹ is hydrogen, hydroxy, halo, cyano, carboxamido, carboalkoxy of two to six carbon atoms, alkyl of 1 to 6 carbon atoms, alkanoyloxy of 2 to 6 carbon atoms, amino, mono- or di-alkylamino in which each alkyl group has 1 to 6 carbon atoms, alkanamido of 2 to 6 carbon atoms, or alkanesulfonamido of 1 to 6 carbon atoms;

A and D are selected from carbon substituted by R¹ and nitrogen, provided that at least one of A and D is nitrogen;

E and G are carbon, substituted by R¹; and

 R_{10} is hydroxy, halide or alkyl- or aryl- sulfonates; and salts thereof.

55. (Original) A compound of Claim 54 wherein A is nitrogen and D is carbon.